

AMENDMENTS TO THE ABSTRACT

Please delete the section which appears under the heading "ABSTRACT" on page 27 of the application as originally filed, and replace that section with the following replacement section:

A method of determining the velocity (v) of a vehicle is provided. The vehicle has at least one pair of a front and a rear wheel which are spaced by a wheel spacing (B). Front and rear wheel speed signals (ω) are determined which are indicative of the time dependent behavior of the front and rear wheel speeds, respectively. The front and rear wheel speed signals (ω) are correlated in order to determine a specific correlation feature indicative of the time delay (τ) between the front wheel and rear wheel speed signals. The velocity (v) of the vehicle is determined based on the correlation feature and the wheel spacing (B).³

³ No markup shown in the main body because replacement section is provided in response to an objection made because the amendments to the abstract were not set forth on a separate sheet in the Previous Response. The following markup shows the replacement text for the abstract with changes relative to the original application:

A method of determining the velocity (v) of a vehicle is provided. The vehicle has at least one pair of a front and a rear wheel which are spaced by a wheel spacing (B). Front and rear wheel speed signals (ω) are determined which are indicative of the time-dependent behavior of the front and rear wheel speeds, respectively. The front and rear wheel speed signals (ω) are correlated in order to determine a specific correlation feature indicative of the time delay (τ) between the front wheel and rear wheel speed signals. The velocity (v) of the vehicle is determined based on the said correlation feature and the wheel spacing (B).